

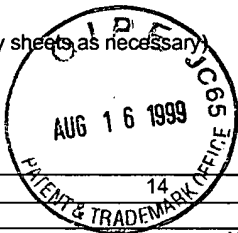
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/139,425
		Filing Date	August 25, 1998
		First Named Inventor	Charles T. Esmon
		Group Art Unit	464 1636
		Examiner Name	W. Sandals
Attorney Docket Number	OMRF 171		
Sheet	1	of	14



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
JS		3,625,214		Higuchi	12-07-1971	424, 424
D		4,244,946		Rivier	01-13-1981	514, 15
JS		4,305,872		Johnston, et al.	12-15-1981	530, 330
JS		4,316,891		Guilleman, et al.	02-23-1982	514, 11
JS		4,629,784		Stammer	12-16-1986	530, 328
JS		4,789,734		Pierschbacher	12-06-1988	530, 395
JS		4,782,137		Hopp, et al.	11-01-1988	530, 328
JS		4,792,525		Ruoslahti, et al.	12-20-1988	438, 402
JS		4,906,474		Langer, et al.	03-06-1990	514, 772, 3
JS		4,925,673		Steiner, et al.	05-15-1990	424, 455
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JS		5,298,599		Rezaie, et al.	03-29-1994	530, 350
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		Office. ³	Number ²	Kind Code ⁵ (if known)				
JS		WO	96/05303		Okla. Med. Res. Found.	02-22-1996		
JS		WO	96/20732		Chiron Viagene	07-11-1996		
JS		WO	96/21470		Genemedicine, Inc.	07-18-1996		
JS		WO	98/20041		Okla. Med. Res. Found	05-14-1998		
JS								

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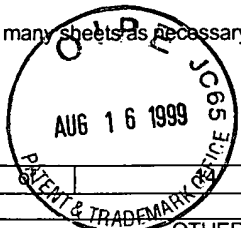
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		Group Art Unit	1643-1636
		Examiner Name	W. Sandals
		Attorney Docket Number	OMRF 171
Sheet	2		



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JS		ABE, et al., "Granulocyte proteases and hydrogen peroxide synergistically inactive thrombomodulin of endothelial cells in vitro," <i>J. Lab. Clin. Med.</i> 123(6):874-881, (1994).	
AS		ACCP/SCCM Consensus Conference, "Definitions for Sepsis and Organ Failure and Guidelines for the Use of Innovative Therapies in Sepsis," <i>Chest</i> 101(6):1644-1655 (1992).	
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AN		AREND, et al., "Building of IL-1 α , IL-1 β , and IL-1 Receptor Antagonist by Soluble IL-1 Receptors and Levels of Soluble IL-1 Receptors in Synovial Fluids," <i>J. Immunol.</i> 153:4766-4774 (1994).	
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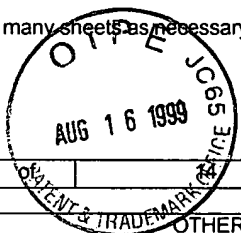
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		Group Art Unit	4643 1636
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		Attorney Docket Number	OMRF 171
Sheet	3		



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JS		BOEHME, et al., "Release of thrombomodulin from endothelial cells by concentrated action of TNF- α and neutrophils: <i>in vivo</i> and <i>in vitro</i> studies," <i>Immunology</i> 87:134-140 (1996).	
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JS		COONEY, et al., "Site-specific oligonucleotide binding represses transcription of the human c-myc gene in vitro," <i>Science</i> . 241(4864):456-9 (1988).	
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JS		DITTMAN and MAJERUS, "Structure and Function of Thrombomodulin: A Natural Anticoagulant," <i>Blood</i> 75(2):329-336 (1990).	

Examiner's Signature	William Sandals	Date Considered	10/14/98
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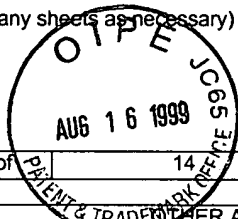
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		Examiner Name	W. Sandals
		Attorney Docket Number	OMRF 171
Sheet	4	of	14



OTHER ART - NON PATENT LITERATURE DOCUMENTS		
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h		DITTMAN, W. A. "Thrombomodulin - Biology and Potential Cardiovascular Applications," <i>Trends Cardiovasc. Med.</i> 1(8):331-336 (1991).
m		DREYFUS et al., "Treatment of Homozygous Protein C Deficiency and Neonatal Purpura Fulminans with a Purified Protein C Concentrate," <i>N. Engl. J. Med.</i> 325(22):1565-1568 (1991).
m		DUVAL-VALENTIN, ET AL., "Specific inhibition of transcription by triple helix-forming oligonucleotides," <i>Proc Natl Acad Sci U S A.</i> 89(2):504-8 (1992).
m		ECKE, et al., "Possible identity of kallikrein binding protein with protein C inhibitor," <i>Agents Actions Suppl.</i> 38 (Pt 1):182-9 (1992).
m		EDGEELL, et al., "Permanent cell line expressing human factor VIII-related antigen established by hybridization," <i>Proc. Natl. Acad. Sci. (USA)</i> 80:3734-3737 (1983).
m		ENGELMAN et al., "Identifying Nonpolar Transbilayer Helices in Amino Acid Sequences of Membrane Proteins," <i>Annu. Rev. Biophys. Chem.</i> 15:321-53 (1986).
m		ESMON and OWEN, "Identification of an endothelial cell cofactor for thrombin-catalyzed activation of protein C," <i>Proc. Natl. Acad. Sci. (USA)</i> 78(4):2249-2252 (1981).
m		ESMON and SCHWARZ, "An Update on Clinical and Basic Aspects of the Protein C Anticoagulant Pathway," <i>Trends Cardiovasc. Med.</i> 5(4):141-148 (1995).
m		ESMON, "Factors regulating the inhibition of thrombin by antithrombin III," in <i>Chemistry and Biology of Thrombin</i> , R. L. Lundblad, J. W. Fenton, II, and K. G. Mann, editors. Ann Arbor Science, Ann Arbor., 403-411 (1977).
m		ESMON, "Protein S and Protein C - Biochemistry, Physiology, and Clinical Manifestation of Deficiencies," <i>Trends Cardiovasc. Med.</i> 2(6):214-220 (1992).

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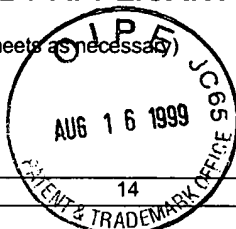
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by		ESMON, "The Roles of Protein C and Thrombomodulin in the Regulation of Blood Coagulation," <i>J. Biol. Chem.</i> 264(9):4743-4746 (1989).	
12		ESMON, et al., "Complex Formation Between Thrombin Thrombomodulin Inhibits Both Thrombin-catalyzed Fibrin Formation and Factor V Activation," <i>J. Biol. Chem.</i> 257(14):7944-7947 (1982).	
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17		FUKUDOME and ESMON, "Identification, Cloning, and Regulation of a Novel Endothelial Cell Protein C/Activated Protein C Receptor," <i>J. Biol. Chem.</i> 269(42):26486-26491 (1994).	
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17		FUKUDOME, et al., "Identification, Cloning, and Regulation of a Novel Endothelial Cell Protein C/Activated Protein C Receptor," <i>Circulation</i> 90(4):1133 (1994).	
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17		GRAHAM, et al., "A new technique for the assay of infectivity of human adenovirus 5 DNA.," <i>Virology.</i> 52(2):456-67 (1973).	
17		GREGORIADIS, "Liposomes," in <i>Drug Carriers in Biology and Medicine</i> , Chap. 14. pp. 287-341 (Academic Press, 1979).	

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AS		GREY, et al., "Selective effects of protein C on activation of human monocytes by lipopolysaccharide, interferon-gamma, or PMA: modulation of effects on CD11b and CD14 but not CD25 or CD54 induction," <i>Transplant Proc.</i> 25(5):2913-4 (1993).	
AN		GRIGORIEV, et al., "A triple helix-forming oligonucleotide-intercalator conjugate acts as a transcriptional repressor via inhibition of NF kappa B binding to interleukin-2 receptor alpha-regulatory sequence," <i>J Biol Chem</i> 267(5):3389-95 (1992).	
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AN		HOFSTEENGE, et al., "Effect of thrombomodulin on the kinetics of the interaction of thrombin with substrates and inhibitors," <i>Biochem. J.</i> 237:243-251 (1986).	
AN		HOGG, et al., "Identification of structural domains in protein C involved in its interaction with thrombin-thrombomodulin on the surface of endothelial cells," <i>J Biol Chem</i> 267(2):703-6 (1992).	
AN		HOLT, ET AL., "An oligomer complementary to c-myc mRNA inhibits proliferation of HL-60 promyelocytic cells and induces differentiation," <i>Mol Cell Biol.</i> 8(2):963-73 (1988).	
AN		HORIUCHI, et al., "Soluble interleukin-6 receptors released from T cell or granulocyte/macrophage cell lines and human peripheral blood mononuclear cells are generated through an alternative splicing mechanism," <i>Eur. J. Immunol.</i> 24:1945-1948 (1994).	
AN		ISHII and MAJERUS, "Thrombomodulin is Present in Human Plasma and Urine," <i>J. Clin. Invest.</i> 76:2178-2181 (1985).	

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W		ITAKURA, et al., "Synthesis and Use of Synthetic Oligonucleotides," in <i>Ann. Rev. Biochem.</i> 53:323-356 (1984).	
W		JACKMAN, et al., "Human thrombomodulin gene is intron depleted: Nucleic acid sequences of the cDNA and gene predict protein structure and suggest sites of regulatory control," <i>Proc. Natl. Acad. Sci. (USA)</i> 84:6425-6429 (1987).	
W		JIANG, et al., "Nucleocytoplasmic transport is enhanced concomitant with nuclear accumulation of epidermal growth factor (EGF) binding activity in both 3T3-1 and EGF receptor reconstituted NR-6 fibroblasts," <i>J. Cell Biol.</i> 110:559-568 (1990).	
W		KABAT, et al., <i>Sequences of Proteins of Immunological Interest</i> , 4th Ed. (U.S. Dept. Health and Human Services, Bethesda, MD, 1987)	
W		KAISHO, et al., "BST-1, a surface molecule of bone marrow stromal cell lines that facilitates pre-B-cell growth.," <i>Proc Natl Acad Sci U S A.</i> 91(12):5325-9 (1994).	
W		KAPIOTIS, et al., "Interleukin-4 counteracts pyrogen-induced downregulation of thrombomodulin in cultured human vascular endothelial cells," <i>Blood.</i> 78(2):410-5 (1991).	
W		KOZAK, et al., "Point mutations define a sequence flanking the AUG initiator codon that modulates translation by eukaryotic ribosomes," <i>Cell</i> 44(2):283-92 (1986).	
W		KUROSAWA, et al., "Identification of functional Endothelial Protein C Receptor in Human Plasma," <i>J. Clin. Invest.</i> 100(2): 411-418 (1997).	
W		KYTE, et al., "A simple method for displaying the hydropathic character of a protein," <i>J Mol Biol</i> 157(1):105-32 (1982).	
W		LAEMMLI, "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4," <i>Nature</i> , 227:680-685 (1970).	

Examiner's Signature	William Sandals	Date Considered	10/04/99
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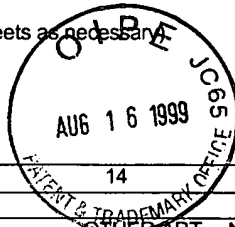
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/139,425
		Filing Date	August 25, 1998
		First Named Inventor	Charles T. Esmon
		Group Art Unit	1643 / 1636
		Examiner Name	W. Sandals
		Attorney Docket Number	OMRF 171
Sheet	8	of	14



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JS		LASZIK, et al., "The Human Protein C Receptor Is Present Primarily on Endothelium of Large Blood Vessels," <i>Circulation</i> , 96(10):1-9 (1997).	
JS		LE BONNIEC, ET AL., "The role of calcium ions in factor X activation by thrombin E192Q," <i>J Biol Chem</i> 267(10):6970-6 (1992).	
JS		LEDBETTER, ET AL., "Covalent association between human thymus leukemia-like antigens and CD8(Tp32) molecules," <i>J Immunol</i> 134(6):4250-4 (1985).	
JS		LENTZ et al., "Regulation of Thrombomodulin by Tumor Necrosis Factor-α: Comparison of Transcriptional and Posttranscriptional Mechanisms," <i>Blood</i> 77(3):543-550, (1991).	
JS		LEWIS, et al., "Automated site-directed drug design: the concept of spacer skeletons for primary structure generation," <i>Proc. R. Soc. Lond.</i> , 236(1283):125-140 (1989)	
JS		LEWIS, et al., "Automated site-directed drug design: the formation of molecular templates in primary structure generation," <i>Proc. R. Soc. Lond.</i> , 236(1283):141-162 (1989)	
JS		LOBIE, et al. "Nuclear translocation and anchorage of the growth hormone receptor," <i>J. Biol. Chem.</i> 269:31735-31746 (1994).	
JS		LU, et al., "The Active Site of the Thrombin-Thrombomodulin Complex - A Fluorescence Energy Transfer Measurement of its Distance Above the Membrane Surface*," <i>J. Biol. Chem.</i> 264(22):12956-12962 (1989).	
JS		LUST, et al., "Isolation of An mRNA Encoding a Soluble Form of the Human Interleukin-6 Receptor," <i>Cytokine</i> 4(2):96-100 (1992).	
JS		MACIAG, et al., "An endothelial cell growth factor from bovine hypothalamus: identification and partial characterization," <i>Proc Natl Acad Sci U S A.</i> 76(11):5674-8 (1979).	

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W		MAHER, "Nuclear Translocation of fibroblast growth factor (FGF) receptors in response to FGF-2," <i>J. Cell Biol.</i> 134:529-536 (1996).	
W		MAHER, ET AL., "Inhibition of DNA binding proteins by oligonucleotide-directed triple helix formation.," <i>Science</i> 245(4919):725-30 (1989).	
W		MARUYAMA, et al., "Increased expression of thrombomodulin on the cultured human umbilical vein endothelial cells and mouse hemangioma cells by cyclic AMP," <i>Thromb Res.</i> 61(3):301-10 (1991).	
W		MATHER, et al., "The 2.8 Å Crystal Structure of Gla-Domainless Activated Protein C," <i>EMBO J.</i> 15(24):6822-6831 (1996).	
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W		MCKINLAY, et al., "Rational Design of Antiviral Agents," <i>Annual Review of Pharmacology and Toxicology</i> , 29:111-122 (1989)	
W		MERRIFIELD, "Solid-Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide," <i>J. Am. Chem. Soc.</i> 85:2149-2154 (1964).	
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W		MÜLLBERG, et al., "The Soluble Human IL-6 Receptor," <i>J. Immunol.</i> 152:4958-4968 (1994).	

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SN		MULLIGAN, et al., "The basic science of gene therapy," <i>Science</i> 260(5110):926-32 (1993)	
SN		NARANG, et al., "Chemical Synthesis of Deoxyoligonucleotides by the Modified Triester Method," in <i>Methods Enzymol.</i> 65:610-620 (1980).	
SN		NAWROTH, et al., "Modulation of endothelial cell hemostatic properties by tumor necrosis factor," <i>J Exp Med.</i> 163(3):740-5 (1986).	
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SN		OLSEN, ET AL., "Ca ²⁺ dependence of the interactions between protein C, thrombin, and the elastase fragment of thrombomodulin. Analysis by ultracentrifugation," <i>Biochemistry</i> 31(3):746-54 (1992).	
SN		ORSON, ET AL., "Oligonucleotide inhibition of IL2R alpha mRNA transcription by promoter region collinear triplex formation in lymphocytes," <i>Nucleic Acids Res</i> 19(12):3435-41 (1991).	
SN		OWEN, et al., "The Conversion of Prothrombin to Thrombin," <i>J. Biol. Chem.</i> 249(2):594-605 (1974).	
SN		PANJA, ET AL., "CD1d is involved in T cell-intestinal epithelial cell interactions," <i>J Exp Med.</i> 178(3):1115-9 (1993).	
SN		PARKINSON, et al., "Stable Expression of a Secretable Deletion Mutant of Recombinant Human Thrombomodulin in Mammalian Cells," <i>J. Biol. Chem.</i> 265(21):12602-12610 (1990).	

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SD		PERRY & DAVIES, QSAR: Quantitative Structure-Activity Relationships in Drug Design pp. 189-193 (Alan R. Liss, inc. 1989)	
SD		PORCELLI, ET AL., "CD1b restricts the response of human CD4-8- T lymphocytes to a microbial antigen," <i>Nature</i> . 360(6404):593-7 (1992).	
SD		POSTEL, et al., "Evidence that a triplex-forming oligodeoxyribonucleotide binds to the c-myc promoter in HeLa cells, thereby reducing c-myc mRNA levels," <i>Proc Natl Acad Sci U S A</i> . 88(18):8227-31 (1991).	
SD		PROUDFOOT, et al., "3' non-coding region sequences in eukaryotic messenger RNA," <i>Nature</i> 263(5574):211-4 (1976).	
SD		QUEHENBERGER, et al., "Increased Levels of Activated Factor VII and Decreased Plasma Protein S Activity and Circulating Thrombomodulin During Use of Oral Contraceptives," <i>Thromb. Haemost.</i> 76:729-734 (1996).	
SD		REGAN, et al., "The endothelial cell protein C receptor. Inhibition of activated protein C anticoagulant function without modulation of reaction with proteinase inhibitors," <i>J. Biol. Chem.</i> 271, 17499-17503 (1996).	
SD		REITSMA, et al., "Protein C Deficiency: A Database of Mutations, 1995 Update," <i>Thromb. Haemost.</i> 73:876-879 (1995).	
SD		REZAIE, et al., "Communication: Protein C Inhibitor Is a Potent Inhibitor of the Thrombin-Thrombomodulin Complex," <i>J. Biol. Chem.</i> 270(43):25336-25339 (1995).	
SD		RIPKA, "Computers Picture the Perfect Drug," <i>New Scientist</i> , 54-57 (June 16, 1988)	
SD		ROLLINS, et al., "Inhibition of Homologous Complement by CD59 is Mediated by a Species-Selective Recognition Conferred Through Binding to C8 Within C5b-8 or C9 Within C5b-9," <i>J. Immunol.</i> 146(7):2345-2351 (1991).	

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		Group Art Unit	1643 / 636
		Examiner Name	W. Sandals
		Attorney Docket Number	OMRF 171
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		ROTHBARTH, et al., "cDNA-derived molecular characteristics and antibodies to a new centrosome-associated and G2/M phase-prevalent protein," <i>J Cell Sci.</i> 104 (Pt 1):19-30 (1993.).	
		ROUVINEN, et al., "Computer-Aided Drug Design," <i>Acta Pharmaceutica Fennica</i> , 97:159-166 (1988)	
		SADLER, et al., "Structure-Function Relationships of the Thrombin-Thrombomodulin Interaction," <i>Haemostasis</i> 23(suppl 1):183-193 (1993).	
		SARIN, et al., "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates," <i>Proc. Natl. Acad. Sci. USA</i> 85(20):7448-7794 (1989).	
		SEBESTYÉN, et al., "DNA vector chemistry: the covalent attachment of signal peptides to plasmid DNA," <i>Nature Biotechnology</i> 16, 80-85 (1998).	
		SELIGSOHN et al., "Homozygous Protein C Deficiency Manifested by Massive Venous Thrombosis in the Newborn," <i>N. Engl. J. Med.</i> 310(9):559-562 (1984).	
		SHAW, et al., "Modified deoxyoligonucleotides stable to exonuclease degradation in serum," <i>Nucleic Acids Res.</i> 19(4):747-750 (1991).	
		STEARNS, et al., "The Interaction of a Ca ²⁺ -dependent Monoclonal Antibody with the Protein C Activation Peptide Region," <i>J. Biol. Chem.</i> 263(2):826-832 (1988).	
		STEARNS-KUROSAWA, et al., "The endothelial cell protein C receptor augments protein C activation by the thrombin-thrombomodulin complex," <i>Proc. Natl. Acad. Sci. (USA)</i> 93:10212-10216 (1996).	
		STERN, et al., "Cultured bovine aortic endothelial cells promote activated protein C-protein S-mediated inactivation of factor Va," <i>J Biol Chem</i> 261(2):713-8 (1986).	

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JS		SZOSTAK, "In Vitro genetics," <i>TIBS</i> 19:89-93 (1992).	
JS		TAKAHASHI, et al., "Circulating Thrombomodulin As a Novel Endothelial Cell Marker: Comparison of Its Behavior with von Willebrand Factor and Tissue Type Plasminogen Activator," <i>Am. J. Hematol.</i> 41:32-39 (1992).	
JS		TAKAHASHI, et al., "Circulating Thrombomodulin in Thrombotic Thrombocytopenic Purpura," <i>Am. J. Hematol.</i> 38:174-177 (1991).	
JS		TAKANO, et al., "Plasma Thrombomodulin in Health and Diseases," <i>Blood.</i> 76(10):2024-2029 (1990).	
JS		TANAKA, et al., "Increased Thrombomodulin Values in Plasma of Diabetic Men with Microangiopathy," <i>Clin. Chem.</i> 37(2):269-272 (1991).	
JS		TAYLOR et al., "C4b-Binding Protein Exacerbates the Host Response to <i>Escherichia coli</i> ," <i>Blood</i> 78(2):357-363 (1991).	
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JS		VON HEIJNE, "A New Method for Predicting Signal Sequence Cleavage Sites," <i>Nucleic Acids Res.</i> 14(11):4683-4690 (1986).	
JS		WADA, et al., "Plasma Thrombomodulin as a Marker of Vascular Disorders in Thrombotic Thrombocytopenic Purpura and Disseminated Intravascular Coagulation," <i>Am. J. Hematol.</i> 39:20-24 (1992).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/139,425
		Filing Date	August 25, 1998
		First Named Inventor	Charles T. Esmon
		Group Art Unit	1643-1636
		Examiner Name	W. Sandals
		Attorney Docket Number	OMRF 171
14	of	14	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T ²
W		WEN, et al., "Human Thrombomodulin: Complete cDNA Sequence and Chromosome Localization of the Gene," <i>Biochemistry</i> 26:4350-4357 (1987).	
D		WICKSTROM, et al., "Human promyelocytic leukemia HL-60 cell proliferation and c-myc protein expression are inhibited by an antisense pentadecadeoxynucleotide targeted against c-myc mRNA," <i>Proc Natl Acad Sci U S A.</i> 85(4):1028-32 (1988).	
W		WILLIAMS, ET AL., The immunoglobulin superfamily--domains for cell surface recognition., <i>Annu Rev Immunol</i> 6:381-405 (1988).	
W		XIE, et al., "Nuclear localization of p185neu tyrosine kinase and its association with transcriptional transactivation," <i>Biochem. Biophys. Res. Comm.</i> 203:1589-1598 (1994).	
D		YE, et al., "The Active Site of Thrombin is Altered Upon Binding to Thrombomodulin - Two Distinct Structural Changes are Detected by Fluorescence, but only one Correlates with Protein C Activation," <i>J. Biol. Chem.</i> 266(34):23016-23021 (1991).	
D		YE, et al., "The Fifth and Sixth Growth Factor-like Domains of Thrombomodulin Bind to the Anion-binding Exosite of Thrombin and Alter Its Specificity," <i>J. Biol. Chem.</i> 267(16):11023-11028 (1992).	
D		YOUNG, et al., "Triple helix formation inhibits transcription elongation in vitro," <i>Proc Natl Acad Sci U S A.</i> 88(22):10023-6 (1991).	
D		ZAMECNIK, et al., "Inhibition of replication and expression of human T-cell lymphotropic virus type III in cultured cells by exogenous synthetic oligonucleotides complementary to viral RNA," <i>Proc Natl Acad Sci U S A.</i> 83(12):4143-6 (1986).	
D		ZAMECNIK, et al., "Inhibition of Rous sarcoma virus replication and cell transformation by a specific oligodeoxynucleotide," <i>Proc Natl Acad Sci U S A.</i> 75:280-284 (1978).	
D		ZHU, et al., "Systemic gene expression after intravenous DNA delivery into adult mice," <i>Science</i> 261(5118):209-11 (1993).	

Examiner's Signature	William Sandals	Date Considered	10/14/99
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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